## Supporting Information for

## **Highly Efficient Rare-Earth Free Vanadate Phosphors for**

## **WLEDs**

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## This Word file includes:

- Fig. S1. Magnified XRD peaks corresponding to (400), (420), and (642) crystal planes.
- Fig. S2. Rietveld refinement of the XRD pattern of the CMV: 0.5%Ta<sup>5+</sup> sample.
- Fig. S3. The relationship between normalized intensity of CMV (a), CMV: 0.5%Ta<sup>5+</sup> (b) and temperature.

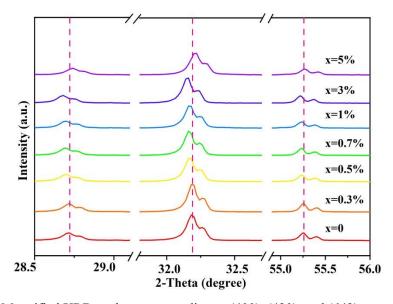


Fig. S1. Magnified XRD peaks corresponding to (400), (420), and (642) crystal planes.

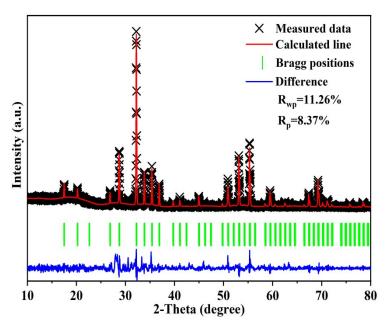


Fig. S2. Rietveld refinement of the XRD pattern of the CMV: 0.5%Ta<sup>5+</sup> sample.

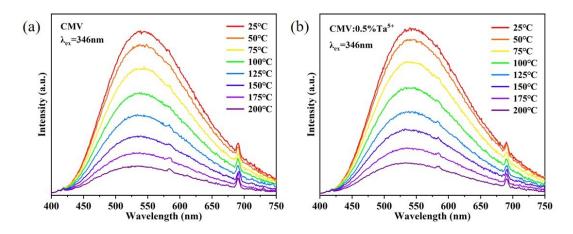


Fig. S3. The relationship between normalized intensity of CMV (a), CMV: 0.5%Ta<sup>5+</sup> (b) and temperature.